



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15333-10-1001

Naturalan

Product group: Design floors



ZIPSE GmbH & Co. KG / ZIRO
Tullastraße 26
79341 Kenzingen



Product qualities:



Köttner
Helmut Köttner
Scientific Director
Freiburg, 02 February 2026

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The SHI Database is the first and only database for construction products whose comprehensive processes and data accuracy are regularly verified by the independent auditing company SGS-TÜV Saar





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SHI Product Assessment 2024

Since 2008, Sentinel Holding Institut GmbH (SHI) has been establishing a unique standard for products that support healthy indoor air. Experts carry out independent product assessments based on clear and transparent criteria. In addition, the independent testing company SGS regularly audits the processes and data accuracy.

Criteria	Product category	Harmful substance limit	Assessment
SHI Product Assessment	Other floor coverings	TVOC ≤ 160 µg/m ³ Formaldehyd ≤ 10 µg/m ³	Indoor Air Quality Certified

Valid until: 07 May 2027



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■ **QNG - Qualitätssiegel Nachhaltiges Gebäude**

The Qualitätssiegel Nachhaltiges Gebäude (Quality Seal for Sustainable Buildings), developed by the German Federal Ministry for Housing, Urban Development and Building (BMWSB), defines requirements for the ecological, socio-cultural, and economic quality of buildings. The Sentinel Holding Institut evaluates construction products in accordance with QNG requirements for certification and awards the QNG ready label. Compliance with the QNG standard is a prerequisite for eligibility for the KfW funding programme. For certain product groups, the QNG currently has no specific requirements defined. Although classified as not assessment-relevant, these products remain suitable for QNG-certified projects.

Criteria	Pos. / product group	Considered substances	QNG assessment
3.1.3 Schadstoffvermeidung in Baumaterialien	2.3 Multi-layer wood parquet, bamboo coverings, and floor coverings on wood-based panels	VOC / Emissions / hazardous substances	QNG ready

Verification: Blauer Engel DE-UZ 176



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DGNB New Construction 2023

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings. The 2023 version sets high standards for ecological, economic, socio-cultural, and functional aspects throughout the entire life cycle of a building.

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 03.05.2024 (3rd edition)	47c Wood-based materials in floor coverings	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 4

Verification: Blauer Engel DE-UZ 176

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	47c Floor coverings for indoor use (with wooden components)	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 4

Verification: Blauer Engel DE-UZ 176

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DGNB New Construction 2018

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings.

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact	47a Industrially manufactured products	Formaldehyde	Quality level 4

Verification: Blauer Engel DE-UZ 176



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Product labels

In the construction industry, high-quality materials are crucial for a building's indoor air quality and sustainability. Product labels and certificates offer guidance to meet these requirements. However, the evaluation criteria of these labels vary, and it is important to carefully assess them to ensure products align with the specific needs of a construction project.



The *Blue Angel* ("Blauer Engel") ecolabel, awarded by the German Federal Environment Agency, is one of the oldest and most widely used ecolabels in Germany. It exists in several variants for many different product groups. Since the test criteria, such as threshold values, differ between these variants, it is important to consider each one individually when assessing indoor air quality.



Products bearing the Sentinel Holding Institute QNG-ready seal are suitable for projects aiming to achieve the "Qualitätssiegel Nachhaltiges Gebäude" (Quality Seal for Sustainable Buildings). QNG-ready products meet the requirements of QNG Appendix Document 3.1.3, "Avoidance of Harmful Substances in Building Materials." The KfW loan program Climate-Friendly New Construction with QNG may allow for additional funding.



The IBU ("Institut Bauen und Umwelt e.V.") is an initiative of building product manufacturers committed to sustainability in construction. It serves as the programme operator for Environmental Product Declarations (EPDs) in accordance with the EN 15804 standard. The IBU EPD programme provides comprehensive life cycle assessments and environmental impact data for construction products, supported by independent third-party verification.



This product is SHI Indoor Air Quality certified and recommended by Sentinel Holding Institut. Indoor-air-focused construction, renovation, and operation of buildings is made possible by transparent and verifiable criteria thanks to the Sentinel Holding concept.

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Legal notices

(*) These criteria apply to the construction project as a whole. While individual products can positively contribute to the overall building score through proper planning, the evaluation is always conducted at the building level. The information was provided entirely by the manufacturer.

Find our criteria here: <https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfkriterien%20f%C3%BCr%20Produkte>

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Publisher

Sentinel Holding Institut GmbH
Bötzinger Str. 38
79111 Freiburg im Breisgau
Germany
Tel.: +49 761 590 481-70
info@sentinel-holding.eu
www.sentinel-holding.eu

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Naturfaser-Boden zum Klicken mit HDF-Mittellage

Technische Daten		
Dielen-Format	Stein	915 x 620 x 9,0 mm
	Holz	1.815 x 305 x 9,0 mm
Kartoninhalt	Stein	4 Dielen/2,268 m ²
	Holz	4 Dielen/2,216 m ²
Paletteninhalt	Stein	44 Kartons/99,792 m ²
	Holz	45 Kartons/99,720 m ²
Oberfläche		2-facher Basis-Farbauftrag, Digitaldruck, HotCoating PUR-Beschichtung
Auflage		1,0 mm Naturfaser
Träger		6,8 mm HDF
Gegenzug		1,2 mm Presskork-Trittschalldämmung
Kantenbearbeitung		4-seitige Super-Mikrofase
Verlegeart		Leimlose UNICLIC-Technik
Prüfwerte		
Abriebklasse (EN 13329)	AC 5	
Beanspruchungsklasse (EN 685)	23/33	
Brandverhalten (EN-ISO 9239-1)	Cfl-s1 • Gibt bei Verbrennung keine toxischen Gase ab	
Chemikalieneinwirkung (EN 423)	Sehr gute Beständigkeit	
Feuchtraumeignung	Nein	
Flächengewicht (EN 430)	7.300 g/m ²	
Fußbodenheizungsgeeignet	Ja (Warmwasser-Fußbodenheizung)	
Lichtechtheitsfaktor (EN 105-B02)	> 7	
Resteindruck (EN 433)	0,08 mm	
Rutschhemmung (DIN 51130)	R 10	
Stuhlrolleneignung (EN 425)	Ja, mit Rollen-Typ W	
Trittschallwert (EN 140)	17 dB	
Wärmedurchgangswiderstand (DIN-EN 52612-Teil 1)	0,08 m ² x K/W	
Zigarettenglutbeständigkeit (EN 1399)	Ja	
Entsorgung	Hausmüll oder Second Life	

